

LISTING OF THE CLAIMS

A complete listing of the claims is provided below. This listing of claims will replace all prior versions and listings of claims in the application.

1. (Cancelled)
2. (Previously Presented) The cooling tower according to Claim 11, wherein said inserts serve to optimize heat exchange between air and water through distribution and trickling of water.
3. (Previously Presented) The cooling tower according to Claim 2, wherein said inserts are packages of plastic films arranged side by side.
4. (Previously Presented) The cooling tower according to Claim 2, wherein said inserts are formed of trickle lattices or blocks.
5. (Cancelled)
6. (Previously Presented) The cooling tower according to Claim 11, wherein the plastic material is a thermoplastic.
7. (Previously Presented) The cooling tower according to Claim 6, wherein the plastic material is PVC.
8. (Previously Presented) The cooling tower according to Claim 11, wherein the additives are biocides.

9. (Previously Presented) The cooling tower according to Claim 11, wherein the additives contain noble metals and/or noble metal compounds.

10. (Previously Presented) The cooling tower according to Claim 11, wherein the additives are added to the plastic before its processing.

11. (Currently Amended) A cooling tower for cooling fluids, comprising:  
sidewalls each ~~entirely~~ essentially formed of a first material which contains only plastic,  
~~wherein said plastic contains~~ and a biocide additive mixed into the plastic;  
a series of pipes extending from said sidewalls, wherein said series of pipes is ~~entirely~~ essentially formed of a second material which contains only plastic and ~~wherein said plastic~~ contains the a biocide additive mixed into the plastic;  
a plurality of nozzles connected to said series of pipes, wherein said plurality of nozzles is ~~entirely~~ essentially formed of a third material which contains only plastic and ~~wherein said plastic contains the~~ a biocide additive mixed into the plastic; and  
a moist/wet region comprising cooling inserts, wherein said cooling inserts are ~~entirely~~ essentially formed of a fourth material which contains only plastic and ~~wherein said plastic~~ includes a suitable amount of the a biocide additives mixed into the plastic.

12. (New) The cooling tower according to claim 11, wherein the first material, the second material, the third material, and the fourth material have substantially the same composition as each other.